

TURF MANAGEMENT

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TURF MANAGEMENT

- This project is helpful to get to manage the activity of turf.
- This application can be used by the Cricket and Football enthusiastic players to book the available turf according to their need.
- This application not only helps the players but also the turf owners who want to expand their business through online medium.
- Maintain the List of Turf and Booking History so it will be easy to access any time 24*7.

MODULES

➤ ADMIN

- Login
- Register and manage Turf locations
- Register and Manage Turf managers
- View feedback
- View complaints and post reply

➤ MANAGER

- Login
- Register time slot with fees
- View booking and manage
- View payment

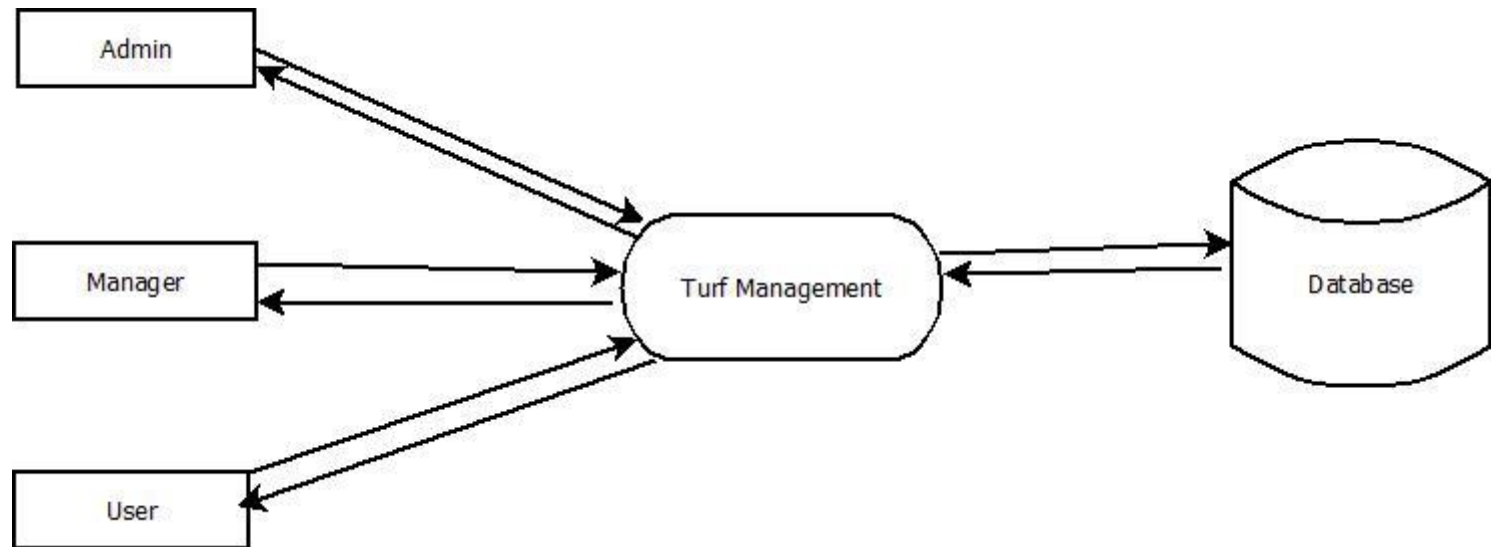
MODULES

➤ USER

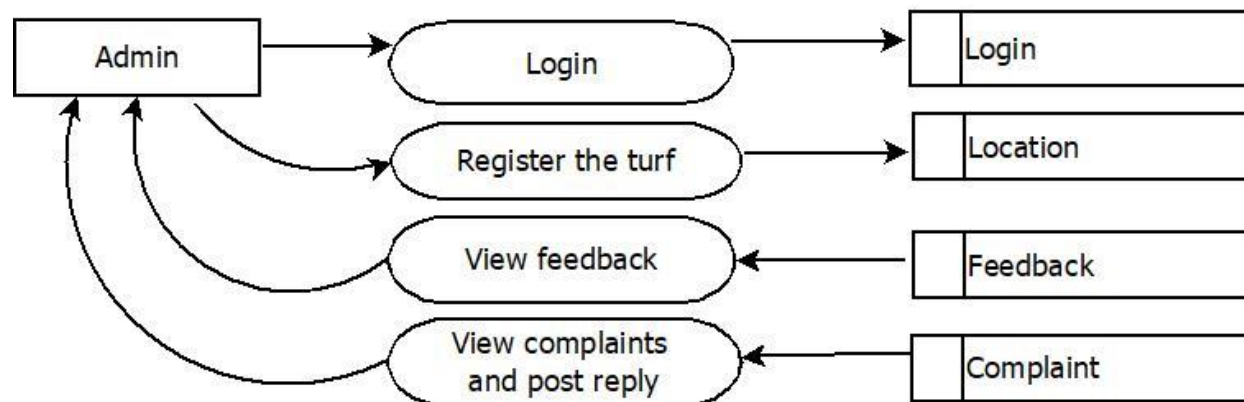
- Register
- Login
- View turf locations
- Book turf
- View booking status
- Add payment
- Post feedback
- Post complaint and view reply

Data Flow Diagram

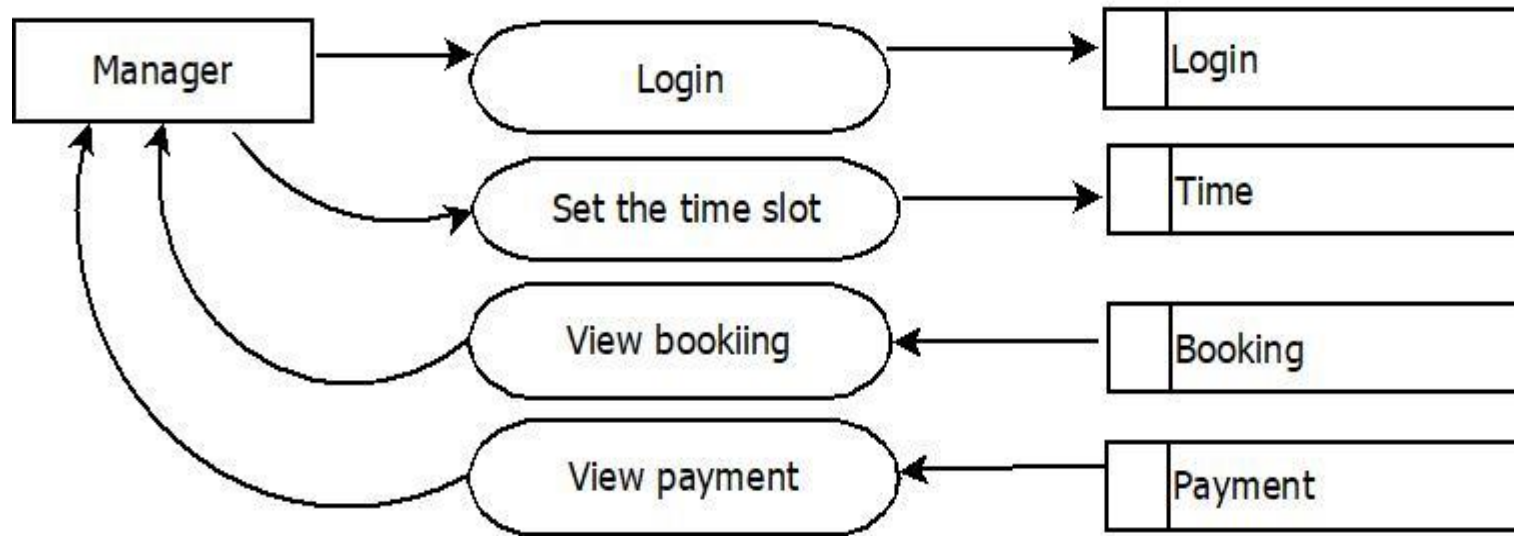
Level - 0



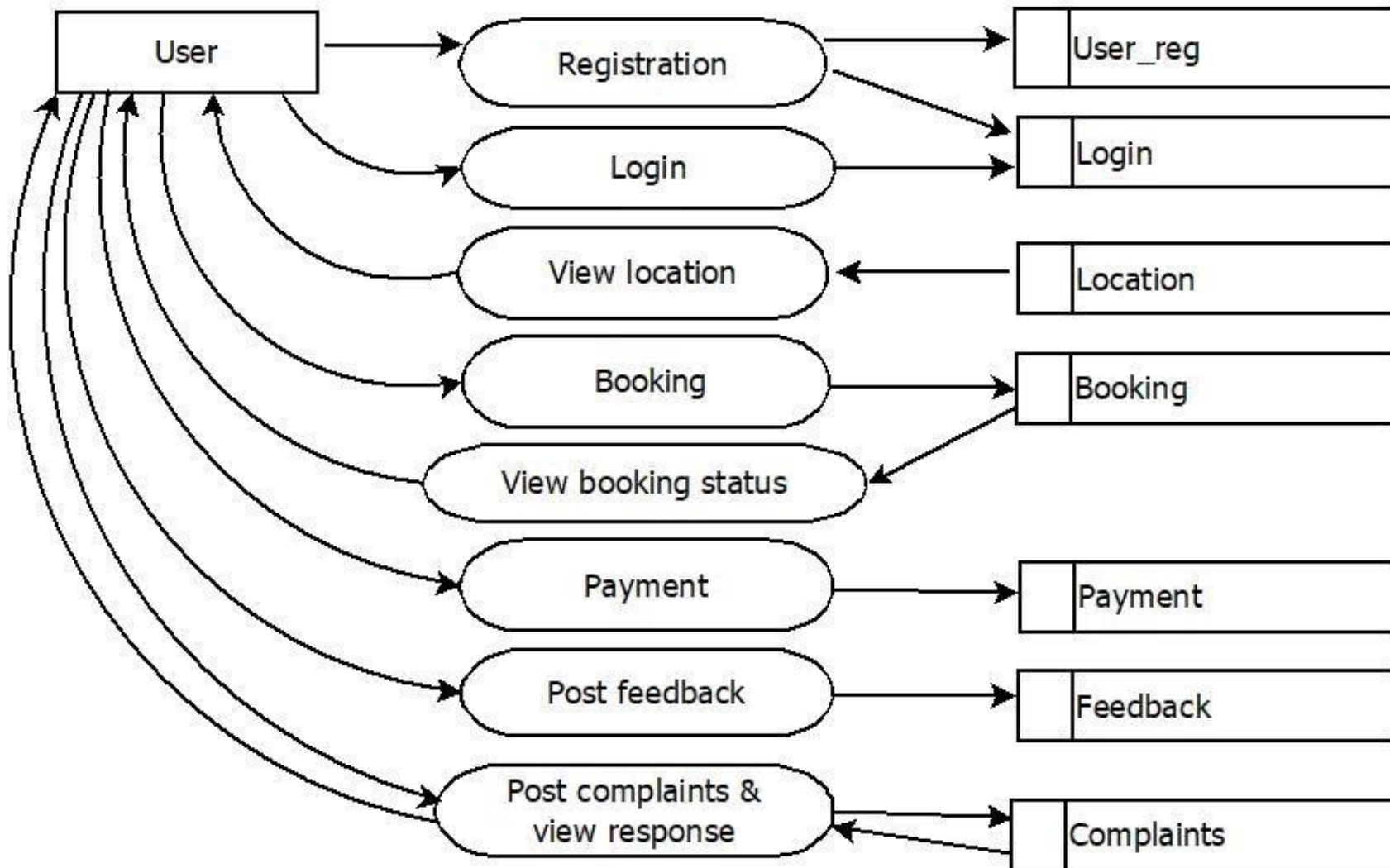
Level – 1 : Admin



Level – 2 : Manager



Level – 3 : User



DEVELOPING ENVIRONMENT

- Language: Python
- Front End: Html,CSS,Java script
- Back end: Python-django
- Database : MySQL
- IDE: PyCharm
- OS: Windows/Linux

PRODUCT BACKLOG

User story ID	Priority <High/Medium/Low>	Size (Hours)	Sprint <#>	Status <Planned/In progress/Completed>	Release Date	Release Goal
1	Medium	3	1	Completed	19-11-2021	Home page of admin
2	High	4		Completed	20-11-2021	Add turf details
3	Medium	3	2	Planned	30-11-2021	Home page of manager
4	High	4		Planned	04-12-2021	Manager set the time slot
5	Medium	2		Planned	08-12-2021	User registration
6	Medium	3		Planned	11-12-2021	Login to the system
7	Medium	2		Planned	18-12-2021	View the turf details
8	Medium	3	3	Planned	24-12-2021	Book the turf
9	Medium	2		Planned	27-12-2021	View booking details
10	High	4		Planned	31-12-2021	Status updates

User story ID	Priority <High/Medium/Low>	Size (Hours)	Sprint <#>	Status <Planned/In progress/Completed>	Release Date	Release Goal
11	Medium	3	3	Planned	08-01-2022	View booking details
12	High	4		Planned	15-01-2022	Make payments
13	Medium	2		Planned	19-01-2022	View the payment details
14	Medium	3		Planned	22-01-2022	Post feedback
15	Medium	3		Planned	31-01-2022	View feedback
16	Medium	3	4	Planned	05-02-2022	Post complaints and view response
17	Medium	2		Planned	12-02-2022	View complaints and send response

USER STORY

User story ID	As a <type of user>	I want to <perform some task>	So that I can <achieve some goal>
1	Admin	Access home page and login	Home page of admin access the system
2	Admin	Registering the turf	Admin can register the available turf
3	Manager	Access home page and login	Home page of manager access the turf details
4	Manager	Setting the time slot	Manager can set the time for playing
5	User	Registration	Register to the system and create profile
6	User	Login and access home page	Access the system
7	User	View the turf details	View turf is available or not
8	User	Book the turf	Book the turf
9	Manager	View bookings	View the booking details
10	Manager	Status updates	Send the details to users

User story ID	As a <type of user>	I want to <perform some task>	So that I can <achieve some goal>
11	User	View booking	View booking details
12	User	Make payment	Pay the amount
13	Manager	View payment details	View the payment details
14	User	Post feedback	Post feedback
15	Admin	View feedback	View feedback
16	User	Post complaints	Post complaints and view feedback
17	Admin	View complaints	View complaints and post response

PROJECT PLAN

User Story ID	Task Name	Start Date	End Date	Days	Status
1	Sprint 1	15-11-2021	19-11-2021	5	Completed
2		17-11-2021	20-11-2021		Completed
3	Sprint 2	24-11-2021	30-11-2021	25	Planned
4		01-12-2021	04-12-2021		Planned
5		06-12-2021	08-12-2021		Planned
6		08-12-2021	11-12-2021		Planned
7		13-12-2021	18-12-2021		Planned
8	Sprint 3	20-12-2021	24-12-2021	43	Planned
9		22-12-2021	27-12-2021		Planned
10		27-12-2021	31-12-2021		Planned

User Story ID	Task Name	Start Date	End Date	Days	Status
11	Sprint 3	03-01-2022	08-01-2022	43	Planned
12		10-01-2022	15-01-2022		Planned
13		12-01-2022	19-01-2022		Planned
14		17-01-2022	22-01-2022		Planned
15		24-01-2022	31-01-2022		Planned
16	Sprint 4	02-02-2022	05-02-2022	11	Planned
17		08-02-2022	12-02-2022		Planned

SPRINT BACKLOG ACTUAL

Backlog Item	Status and Completion date	Original Estimate in hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Completed <Y/N>
User story #1,2			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
Dataset Collection	19/11/21	3	1	2	0	0	0	0	0	0	0	0	0	0	0	Y
Analysis	20/11/21	4	2	2	0	0	0	0	0	0	0	0	0	0	0	Y
User story #3,4,5,6,7																
UI Designing	30/11/21	11	2	2	2	2	2	1	0	0	0	0	0	0	0	N
Coding	18/12/21	11	2	2	2	2	2	1	0	0	0	0	0	0	0	N
User story #8,9,10,11,12,13,14,15																
Training	31/01/22	18	2	2	2	2	2	2	2	2	2	0	0	0	0	N
User story #16,17																
Testing	12/02/22	3	1	2	0	0	0	0	0	0	0	0	0	0	0	N
Total		50	10	12	6	6	6	4	2	2	2	0	0	0	0	

SPRINT BACKLOG PLAN

Backlog Item	Status and Completion date	Original Estimate in hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
User story #1,2			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Dataset Collection	19/11/21	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Analysis	20/11/21	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0
User story #3,4,5,6,7																
UI Designing	30/11/21	11	2	2	2	2	2	1	0	0	0	0	0	0	0	0
Coding	18/12/21	11	2	2	2	2	2	1	0	0	0	0	0	0	0	0
User story #8,9,10,11,12,13,14,15																
Training	31/01/22	18	2	2	2	2	2	2	2	2	2	0	0	0	0	0
User story #16,17																
Testing	12/02/22	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Total		50	10	12	6	6	6	4	2	2	2	0	0	0	0	0

THANK YOU